

## ATTACHMENT II

### LOUISIANA TECHNOLOGY INNOVATION FUND - PROGRESS REPORT

#### I DEPARTMENT/AGENCY

Louisiana State University and A&M College

#### II PROJECT TITLE

A Prototype High-Performance Computing System for the State of Louisiana

#### III PROJECT LEADER

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#### IV DESCRIPTION OF THE PROJECT

LSU requested \$989,383 from the Technology Innovation Fund for the acquisition of computing hardware to establish a prototype high-performance computing system in support of numeric and/or data-intensive research, educational and governmental applications within the state of Louisiana. The objective is to demonstrate the viability of and the need for such a state-of-the-art tool in Louisiana. While creating a new and distinct service, the request leverages and builds on LSU's current investment in hardware, software and people and utilizes standard OTM LaNet connectivity anticipating the future expansion to Asynchronous Transfer Mode (ATM) technology.

#### V PROJECT STATUS

##### 1. Brief Summary

Since the award, we have written specifications for the bid of the equipment outlined in the proposal. We are also prepared the site for the placement of the new equipment. Electrical power enhancements will be completed by February 26, 1999.

##### 2. Accomplishments

Site preparation will be completed by February 26, 1999.

Equipment specifications have been completed and a bid issued.

The following items are now out on a bid that is due to open March 3, 1999:

<u>Qty.</u>	<u>Description</u>
01	RS/6000 SP Frame Model 9076-550
01	SP Switch, Feature 4011
15	Switch Adapters2, Feature 4023
15	PCI SSA Disk Adapters, Feature 6215
15	ATM Turboways 155 PCI Adapters, Feature 2988

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- 15 9.1 GB Ultra SCSI Disk, Feature 2909
- 30 Memory Expansion, Feature 4098
- 60 Memory 256MB (2x128MB) DIMMS, Feature 4110
- 14 Power3 Thin Single Node, Feature 2052
- 01 Power3 Wide Single Node, Feature 2053
- 30 Power3 1-way Processor, Feature 4342
- 01 SSA Disk Subsystem, Feature 7133-D40
- 01 Power Supply, Feature 8022
- 01 Raven Black Drawer Cover, Feature 8031
- 16 18.2GB Advanced Disk Module, Feature 8218
- 04 10 Meter SSA Cable, Feature 8810

3. Problems Encountered/Action Taken or Planned  
None

4. Major Milestones (Original vs. Current Estimate)  
We are ahead of schedule on the site preparation, everything else is still on schedule. We expect a scheduled shipment of the hardware soon after the bid opens with delivery within the month of March.

#### VI COST VS. BUDGET

<u>Category</u>	<u>Budgeted</u>	<u>Actual</u>	<u>Projected Surplus</u>
1. Equipment	\$959,599	\$0	\$0
We will not have cost information until the bid opens March 3, 1999.			
2. Software	\$29,784	\$0	\$0
We won't incur any software support cost until after the hardware installation.			
3. Telecommunications	\$0	\$0	\$0
Telecommunications costs are not charged to this project.			
4. Prof./Contract Services	\$0	\$0	\$0
Professional Services are not charged to this project.			
5. Other Costs	\$0	\$0	\$0
None.			
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<b>Total Project Cost</b>	\$989,383		

#### VII ITEMIZED EXPENSES AND FINANCIAL OBLIGATIONS INCURRED DURING THIS REPORTING

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**PERIOD**

None.

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